SEQUENCE LISTING 

<110> Hardham, John Morgan
Dreier, Kimberly Jean
Krishnan, Rajendra
McGavin, David Ross

<120> Vaccine for Periodontal Disease

<130> PC25634

<160> 17

<170> PatentIn version 3.2

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cccgcacaag cggaggaaca tgtggtttaa ttcgatgata cgcgaggaac cttacccggg 180

cttaaattgc gctggctttt accggaaacg gtattttctt cggaccagcg tgaaggtgct 240

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ccgcacaagc ggaggaacat gtggtttaat tcgatgatac gcgaggaacc ttacctggga 180

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cacacgtgtt acaatggtga ggacaaaggg tcgctacccg gtgacgggat gccaatctcc 480

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<210> 5
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<212> DNA
<213> Tannerella forsythensis

<400> 5
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cctacgggag gcagcagtga ggaatattgg tcaatggacg gaagtctgaa ccagccaagt 360

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<213> Bacteroides sp.

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gcacaagcgg aggaacatgt ggtttaattc gatgatacgc gaggaacctt acccgggctt 180

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aggaaggtgg ggatgacgtc aaatcagcac ggcccttacg tccggggcta cacacgtgtt 420

acaatgggga gcacagcagg ttgctacacg gcgacgtgat gccaatccgt aaaactcctc 480

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cccgcacaag cggaggaaca tgtggtttaa ttcgatgata cgcgaggaac cttacccggg 180

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ccttatcttt agttactaac agttttgctg aggactctaa agagactgcc gtcgtaagat 360

gcgaggaagg tggggatgac gtcaaatcag cacggccctt acgtccgggg ctacacacgt 420

gttacaatgg ggagcacagc aggttgctac acggcgacgt gatgccaatc cgtaaaactc 480

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<212> DNA
<213> Bacteroides sp.

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ccgcacaagc ggaggaacat gtggtttaat tcgatgatac gcgaggaacc ttacccgggc 180

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cttatcttta gttactaaca gttttgctga ggactctaaa gagactgccg tcgtaagatg 360

cgaggaaggt ggggatgacg tcaaatcagc acggcccttа cgtccggggc tacacacgtg 420

ttacaatggg gagcacagca ggttgctaca cggcgacgtg atgccaatcc gtaaaactcc 480

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gcatcaacca cggcgcggtg aata 564

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<220>
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<222> (555)..(555)
<223> n is a, c, g, or t

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gcccgcacaa gcggaggaac atgtggttta attcgatgat acgcgaggaa ccttacccgg 180

gcttaaattg cgctggcttt taccggaaac ggtattttct tcggaccagc gtgaaggtgc 240

tgcatggttg tcgtcagctc gtgccgtgag gtgtcggctt aagtgccata acgagcgcaa 300

cccttatctt tagttactaa cagttttgct gaggactcta aagagactgc cgtcgtaaga 360

tgcgaggaag gtggggatga cgtcaaatca gcacggccct tacgtccggg gctacacacg 420

tgttacaatg gggagcacag caggttgcta cacggcgacg tgatgccaat ccgtaaaact 480

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gcgcatnacc acggngcggt gaatac 566

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<211> 565
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cccgcacaag cggaggaaca tgtggtttaa ttcgatgata cgcgaggaac cttacccggg 180

cttaaattgc gctggctttt accggaaacg gtattttctt cggaccagcg tgaaggtgct 240

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ccgcacaagc ggaggaacat gtggtttaat tcgatgatac gcgaggaacc ttacccgggc 180

ttaaattgcg ctggctttta ccggaaacgg tattttcttc ggaccagcgt gaaggtgctg 240

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gcatcagcca cggcgcggtg aatac 565

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ttatctttag ttactaacag ttttgctgag gactctaaag agactgccgt cgtaagatgc 360

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ccgcacaagc ggaggaacat gtggtttaat tcgatgatac gcgaggaacc ttacccgggc 180

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<400> 16
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<210> 17
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Sequencing Primer

<400> 17
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